

Fig. 1

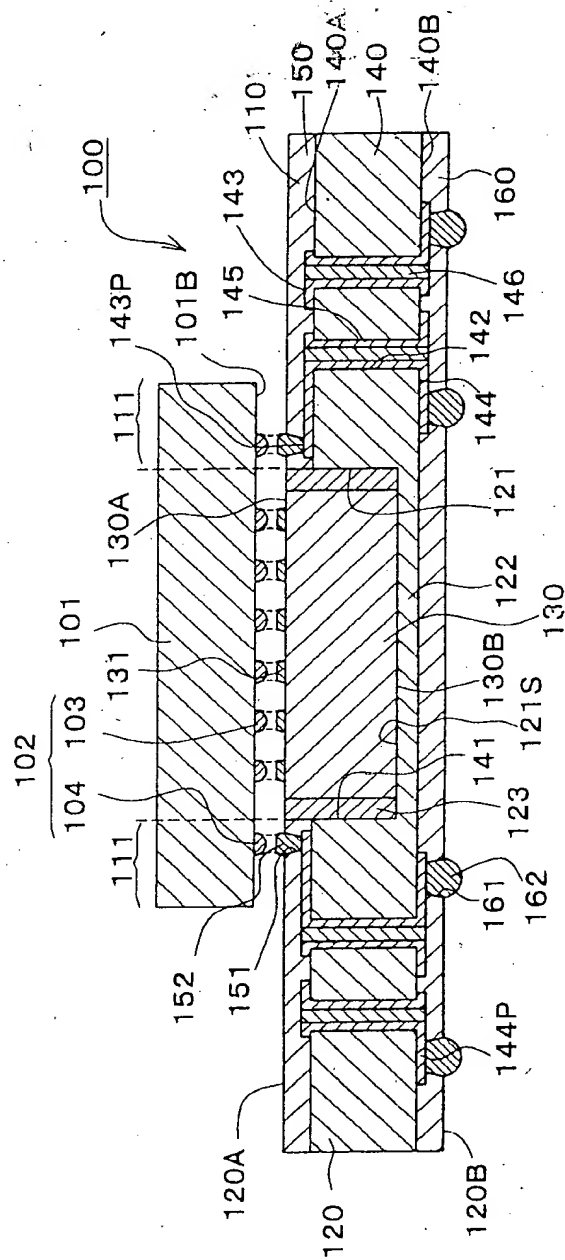


Fig. 2 (a)

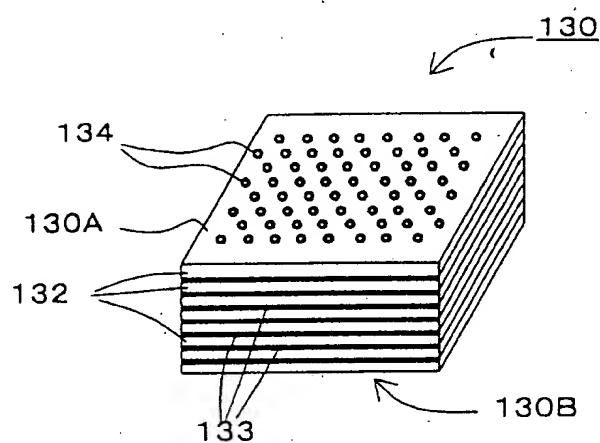


Fig. 2 (b)

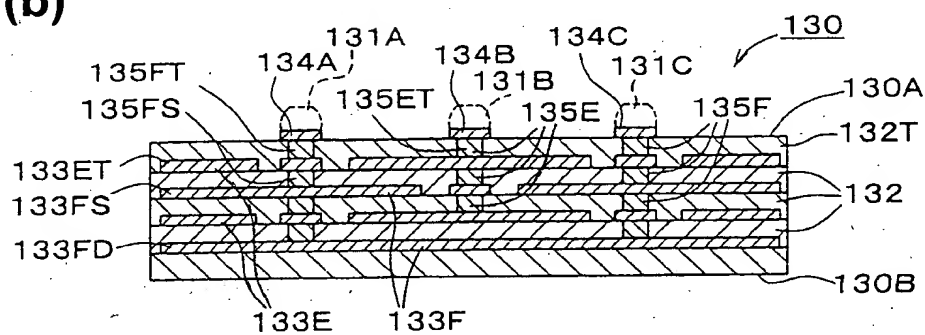
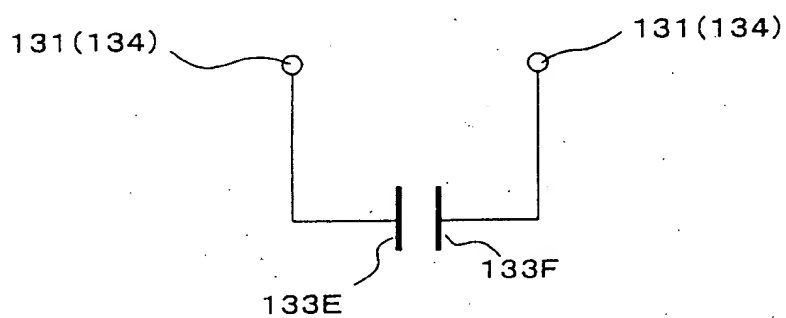
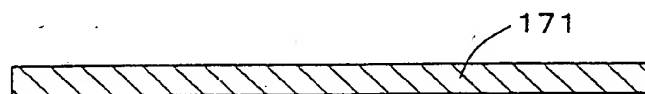


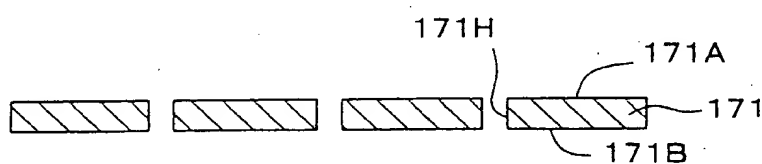
Fig. 2 (c)



**Fig. 3 (a)**



**Fig. 3 (b)**



**Fig. 3 (c)**

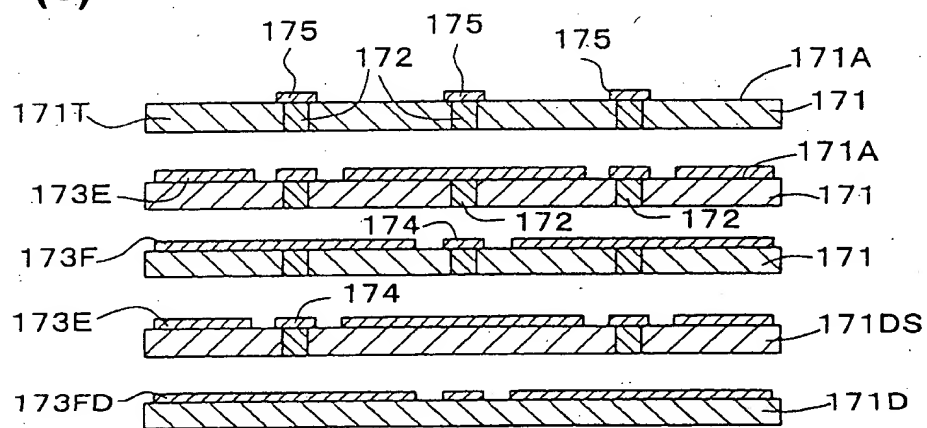


Fig. 4 (a)

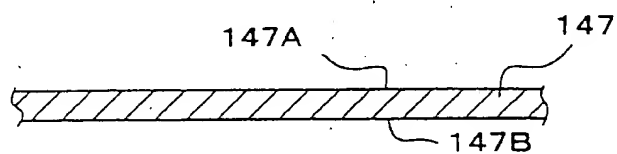


Fig. 4 (b)

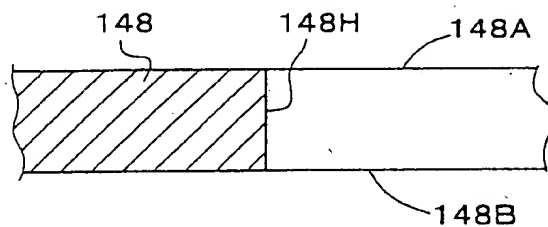


Fig. 4 (c)

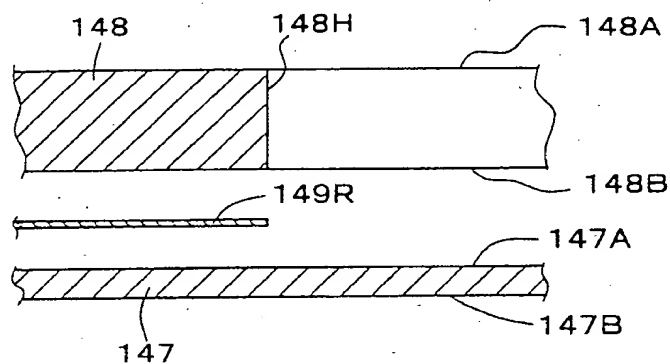
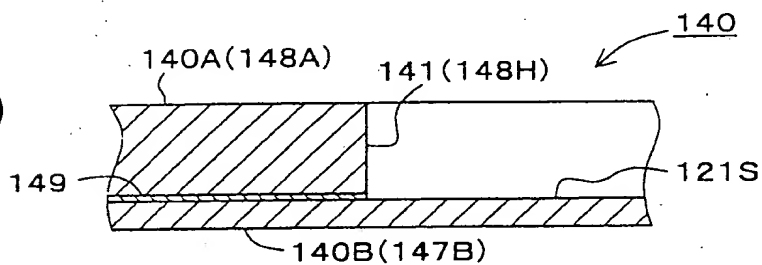


Fig. 4 (d)



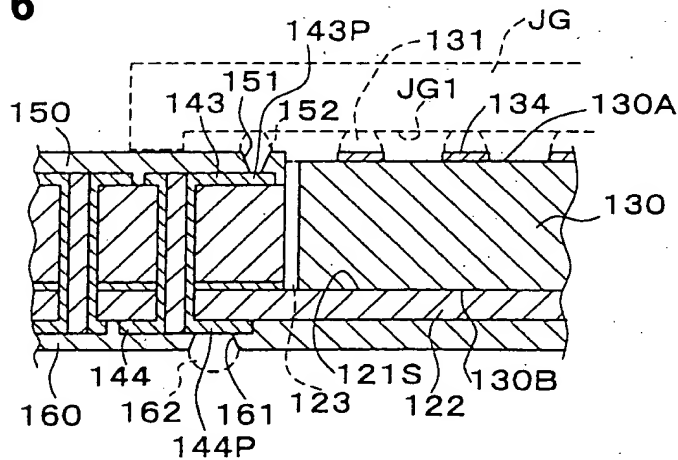
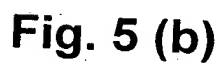
[illegible]

Fig. 7 (a)

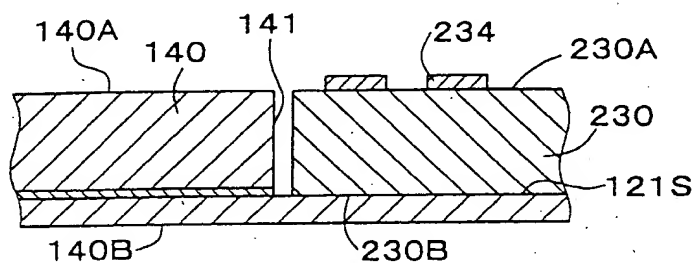


Fig. 7 (b)

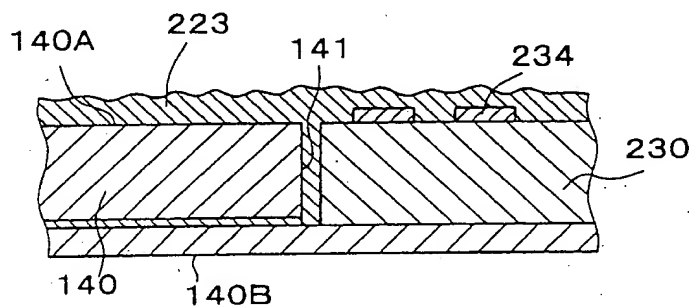
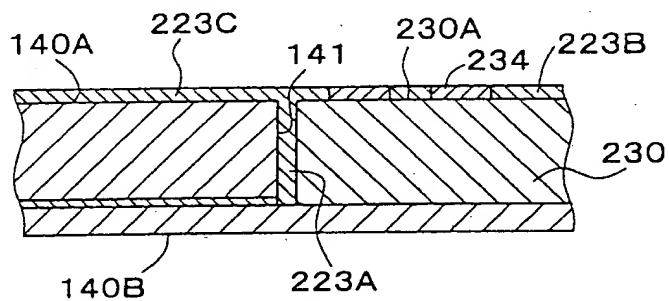
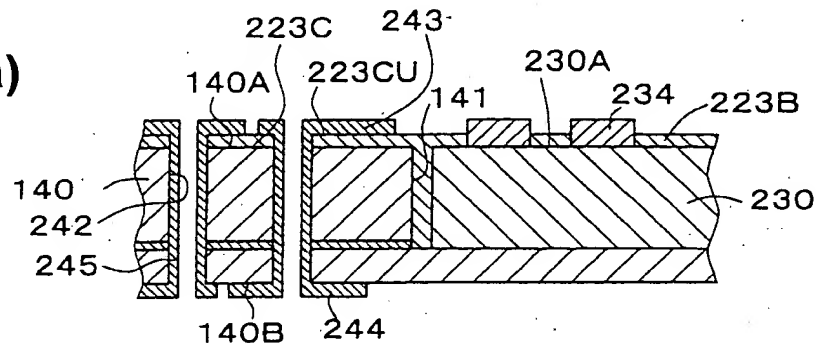


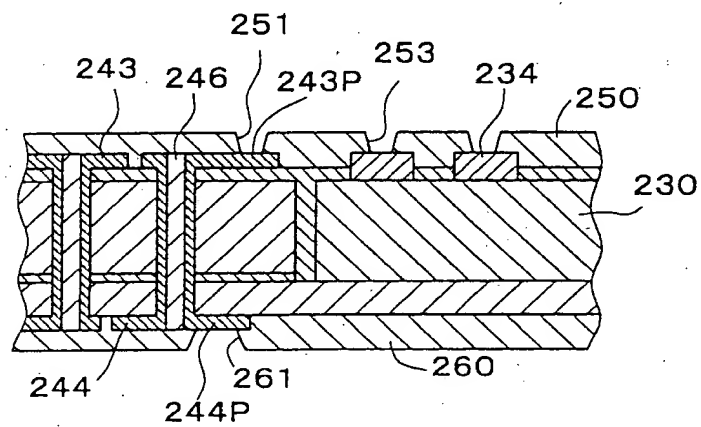
Fig. 7 (c)



**Fig. 8 (a)**



**Fig. 8 (b)**



**Fig. 9**

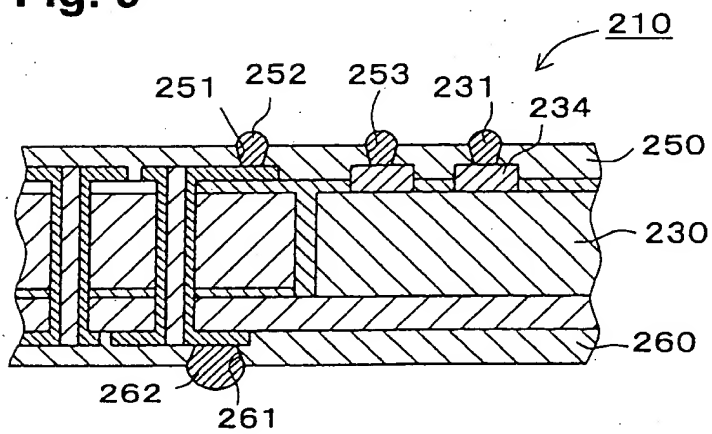






Fig. 11

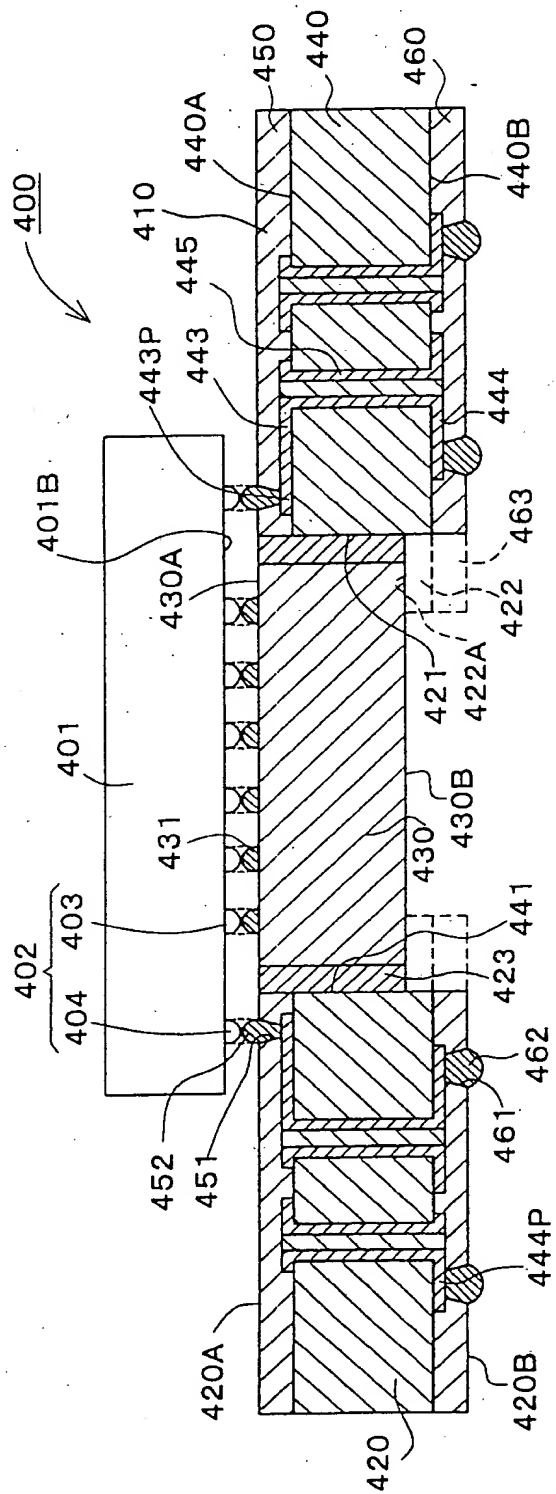


Fig. 12

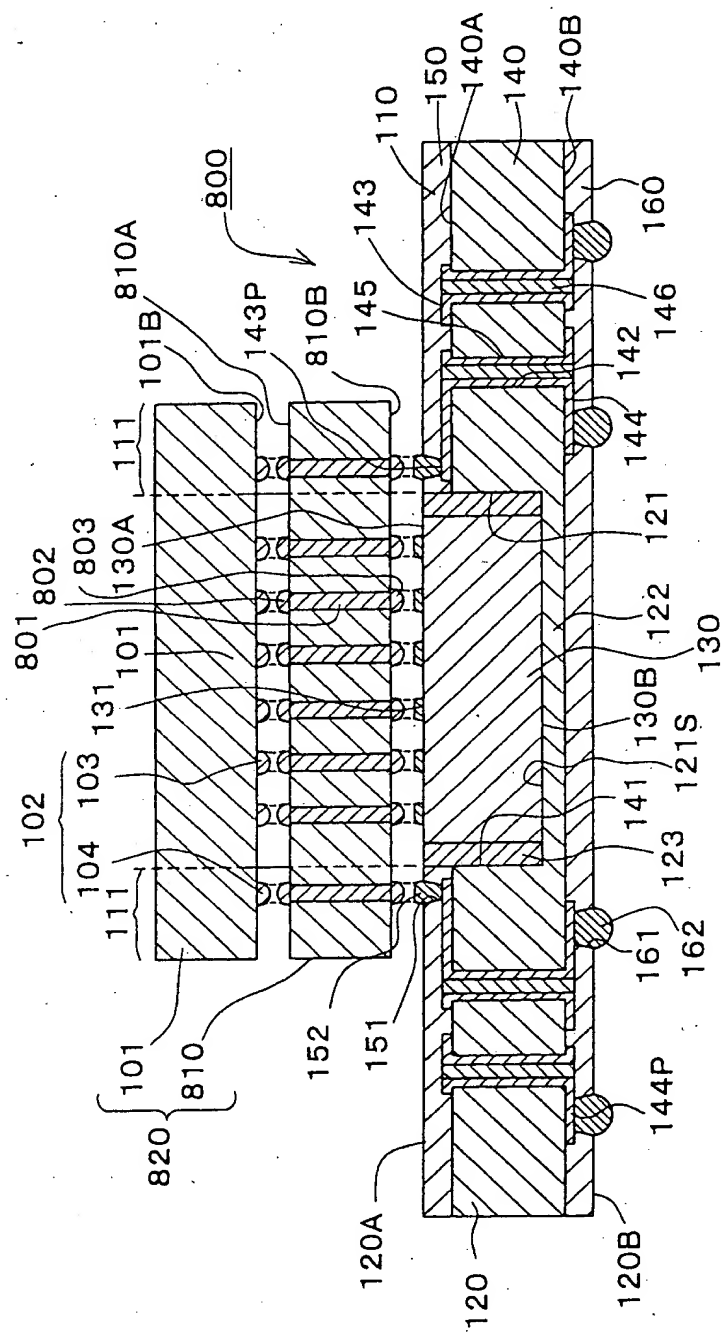








Fig. 16 (a)

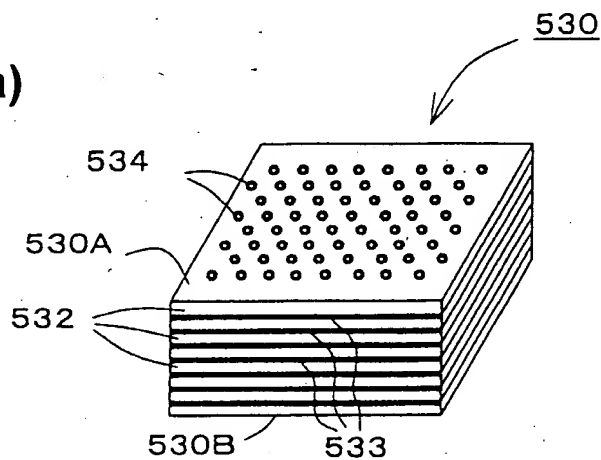


Fig. 16 (b)

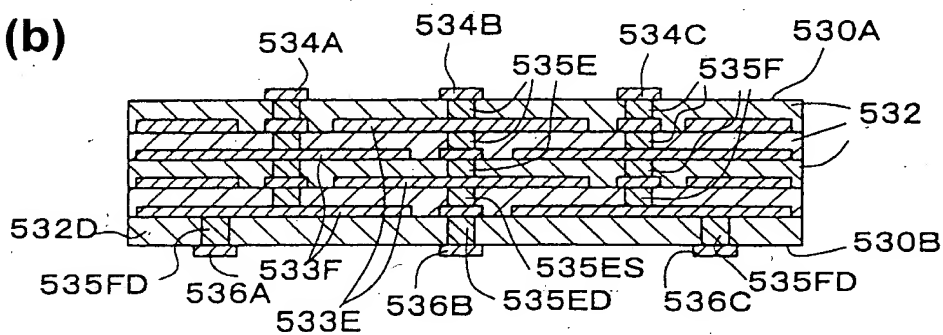
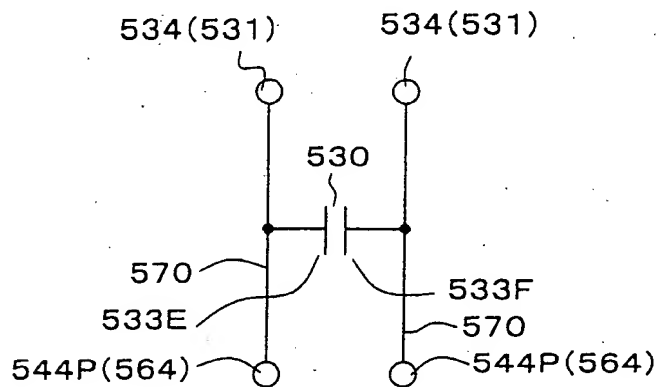
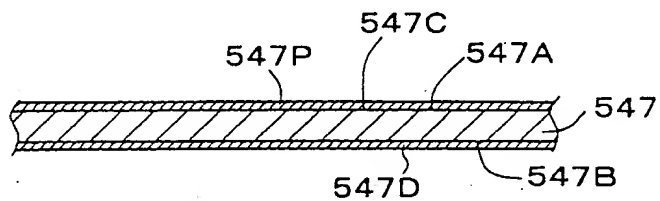


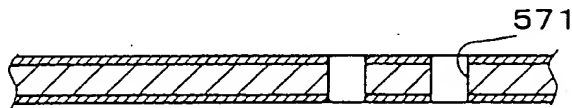
Fig. 16 (c)



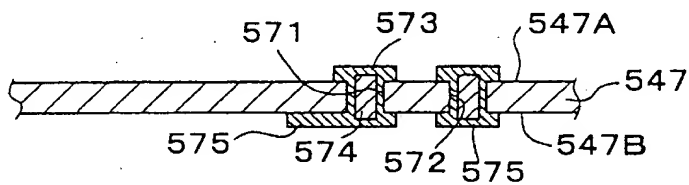
**Fig. 17 (a)**



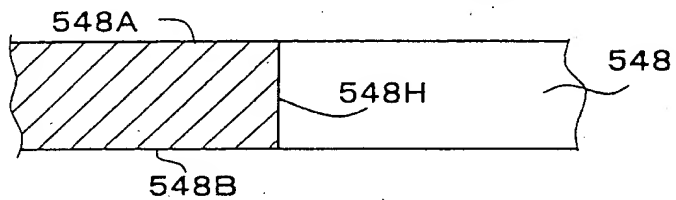
**Fig. 17 (b)**



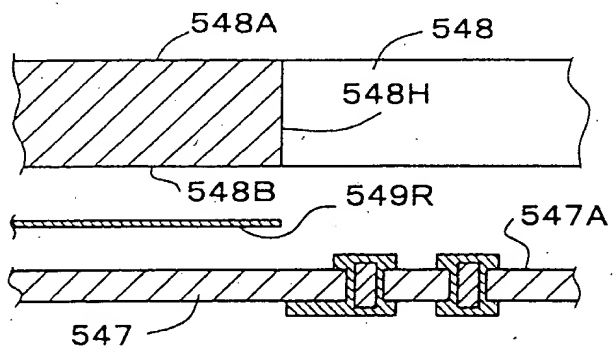
**Fig. 17 (c)**



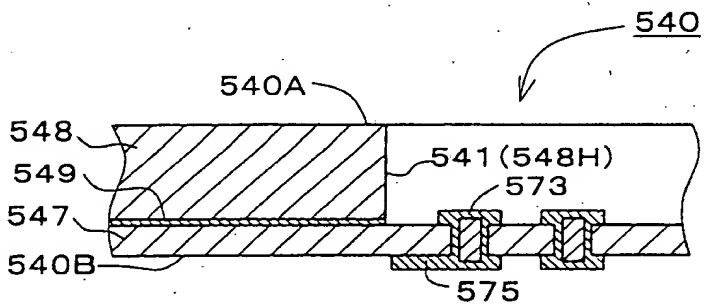
**Fig. 17 (d)**



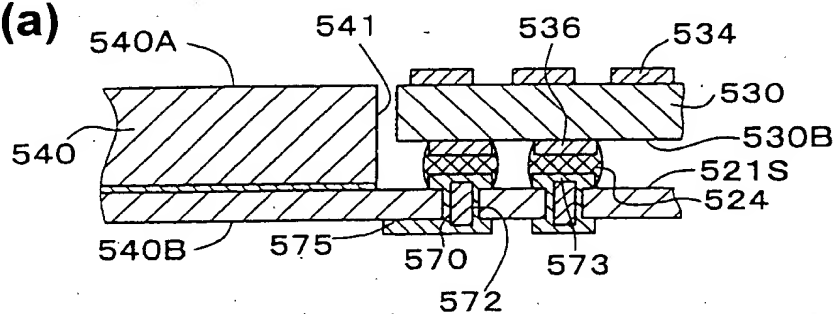
**Fig. 17 (e)**



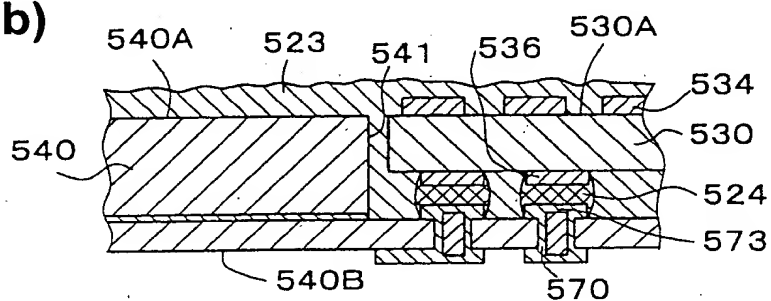
**Fig. 17 (f)**



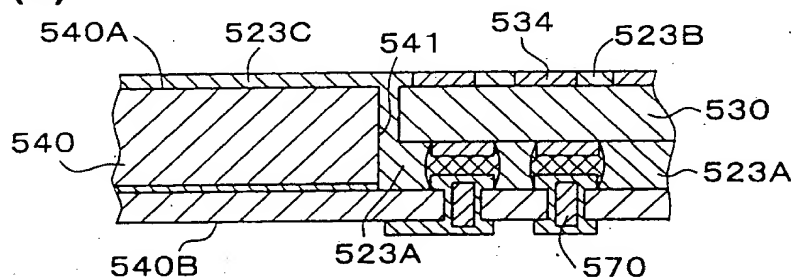
**Fig. 18 (a)**



**Fig. 18 (b)**

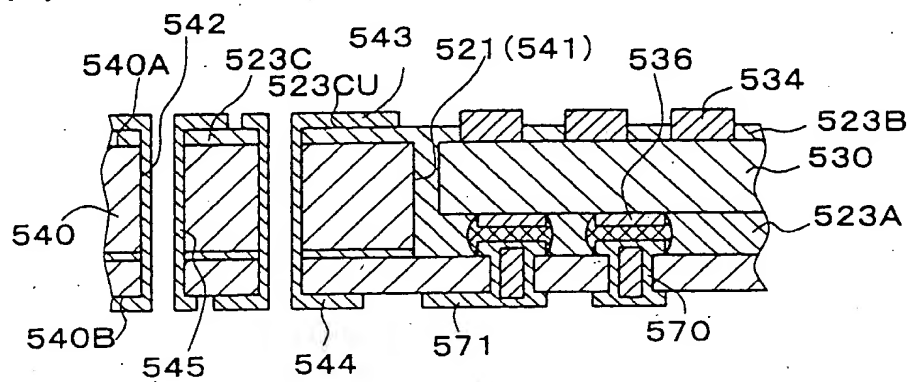


**Fig. 18 (c)**

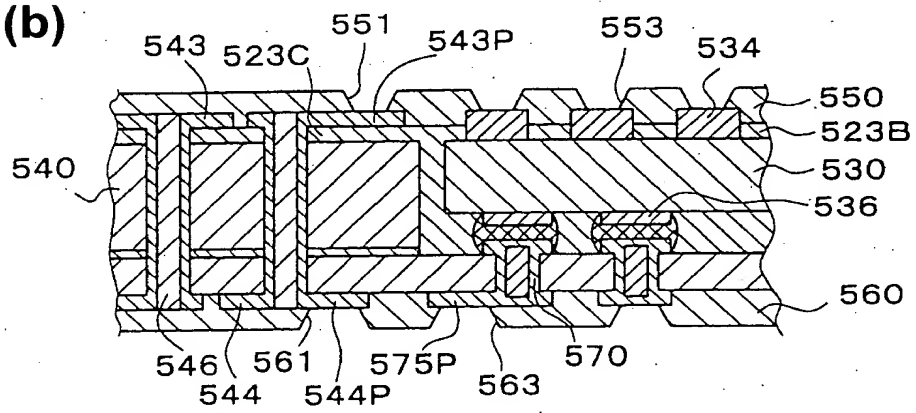


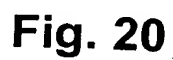


**Fig. 19 (a)**



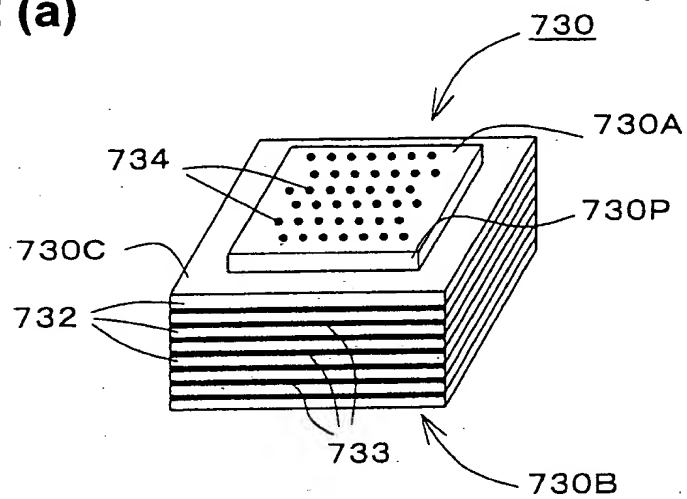
**Fig. 19 (b)**



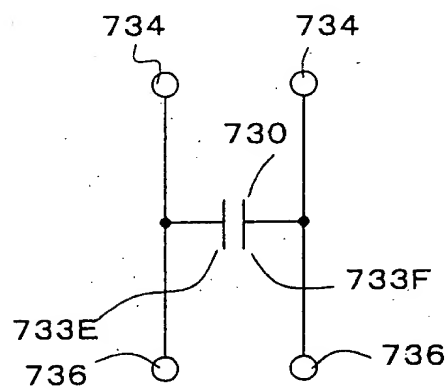




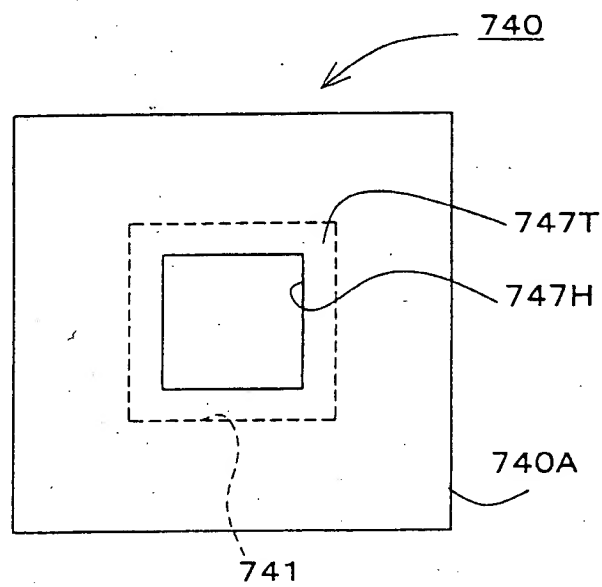
**Fig. 22 (a)**



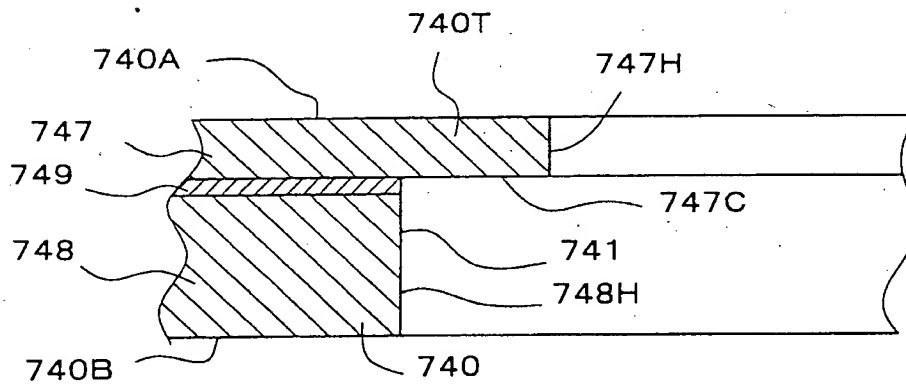
**Fig. 22 (b)**

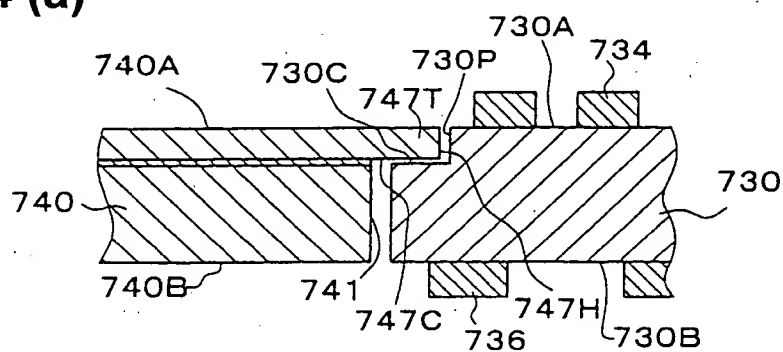


**Fig. 23 (a)**

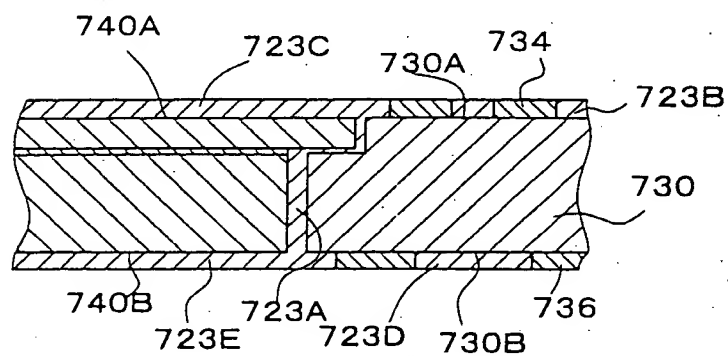
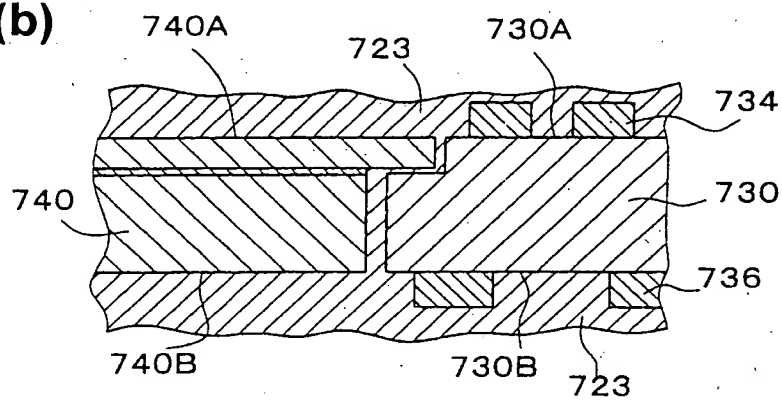


**Fig. 23 (b)**

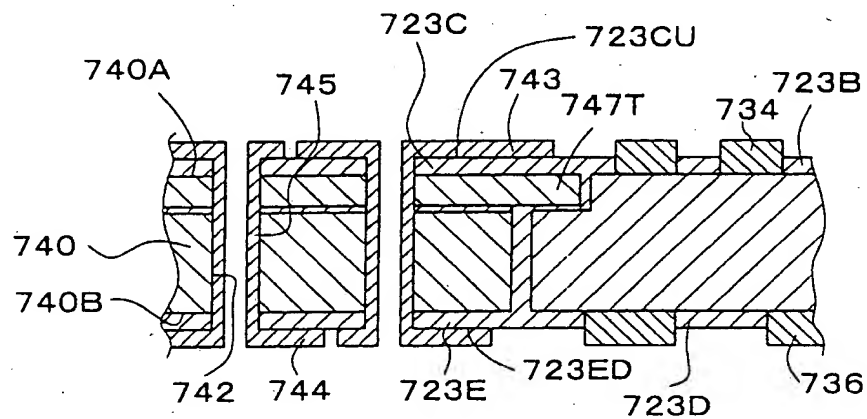




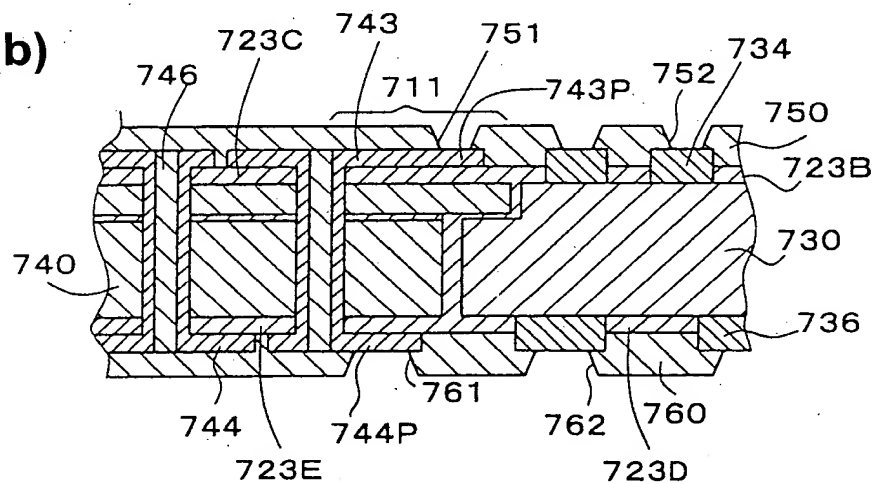
(b) This cross-sectional view shows a second embodiment of the device. It features a substrate 730 with a top surface 723 and a bottom surface 736. A first conductive layer 740 is disposed on the top surface 723, and a second conductive layer 730B is disposed on the bottom surface 736. A first conductive pad 740A is located on the top surface 723, and a second conductive pad 730B is located on the bottom surface 736. A conductive pad 734 is also shown on the top surface 723. The device is shown in a cross-sectional view, with the substrate 730 and conductive layers 740 and 730B being hatched.



**Fig. 25 (a)**



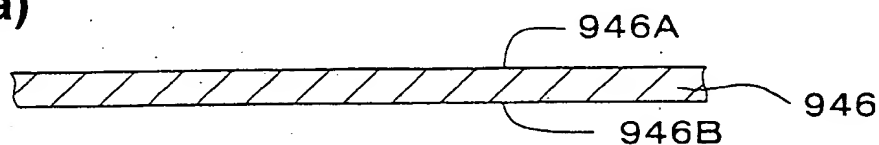
**Fig. 25 (b)**



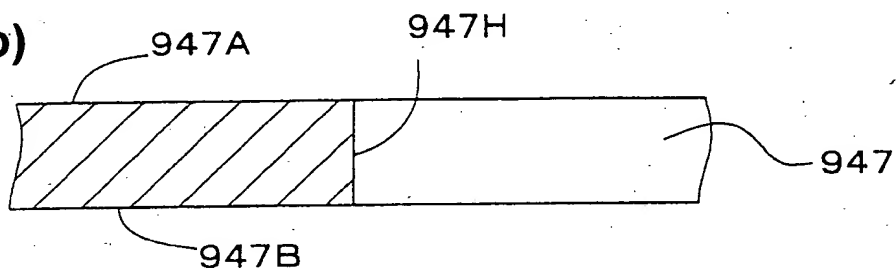




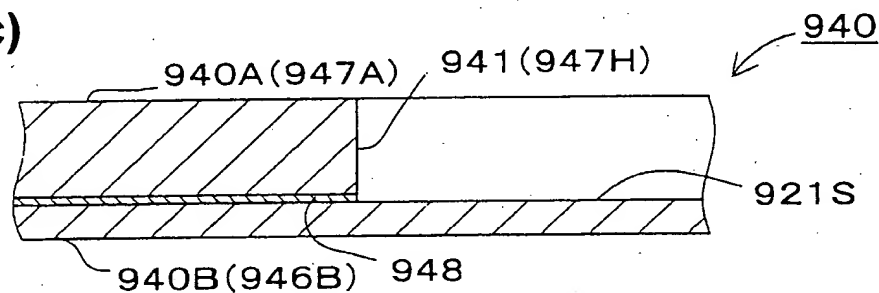
**Fig. 27 (a)**



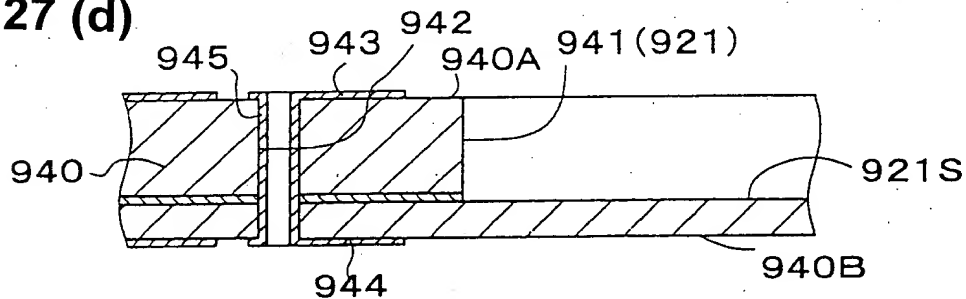
**Fig. 27 (b)**



**Fig. 27 (c)**



**Fig. 27 (d)**



**Fig. 27 (e)**

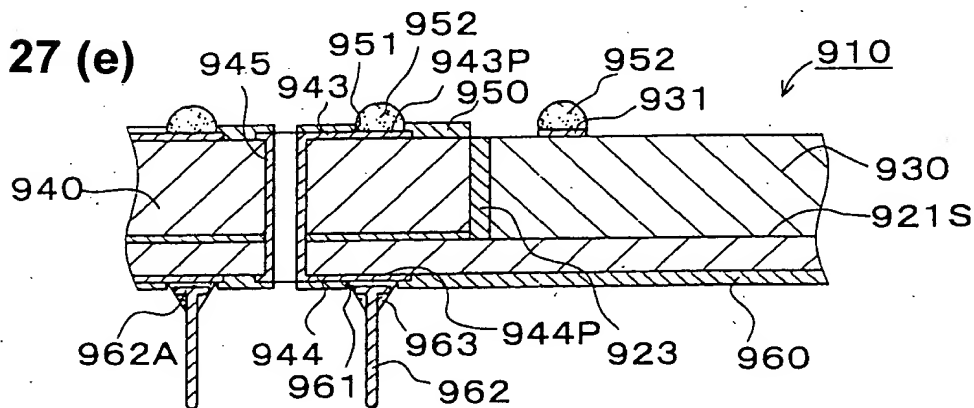
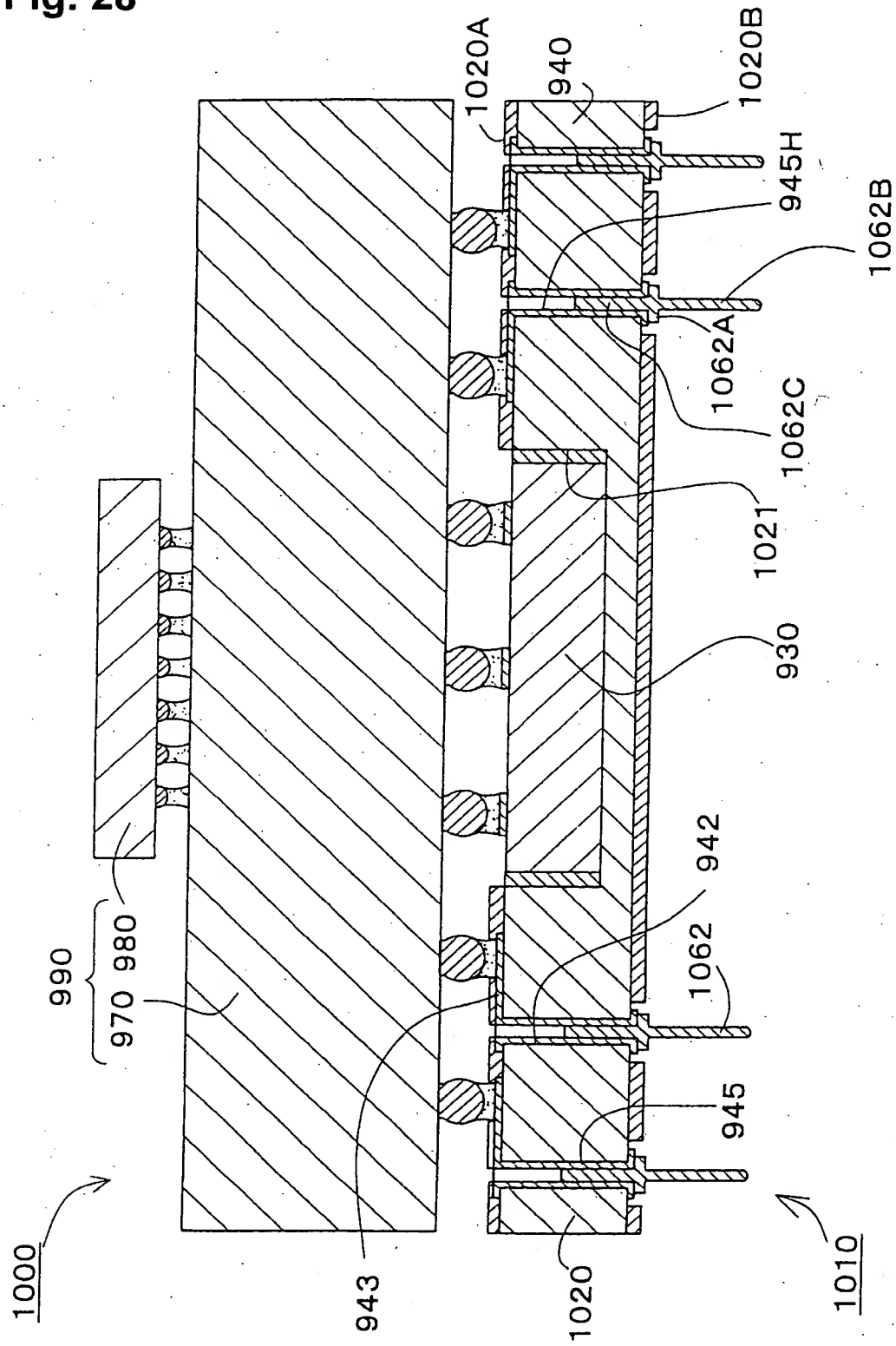


Fig. 28





**Fig. 30**

